

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082500.D
 Acq On : 24 Oct 2015 8:41
 Operator : UM/IZ
 Sample : G4116-11RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Quant Time: Oct 24 23:20:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89671	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	323797	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	149615	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	254470	20.00	ng	0.00
75) Chrysene-d12	13.98	240	198455	20.00	ng	-0.06
86) Perylene-d12	15.50	264	191861	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	688284	154.91	ng	0.01
7) Phenol-d6	6.41	99	896725	155.09	ng	-0.01
23) Nitrobenzene-d5	7.33	82	509998	105.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	163530	116.55	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	944397	104.68	ng	-0.01
78) Terphenyl-d14	12.88	244	646853	86.37	ng	-0.02

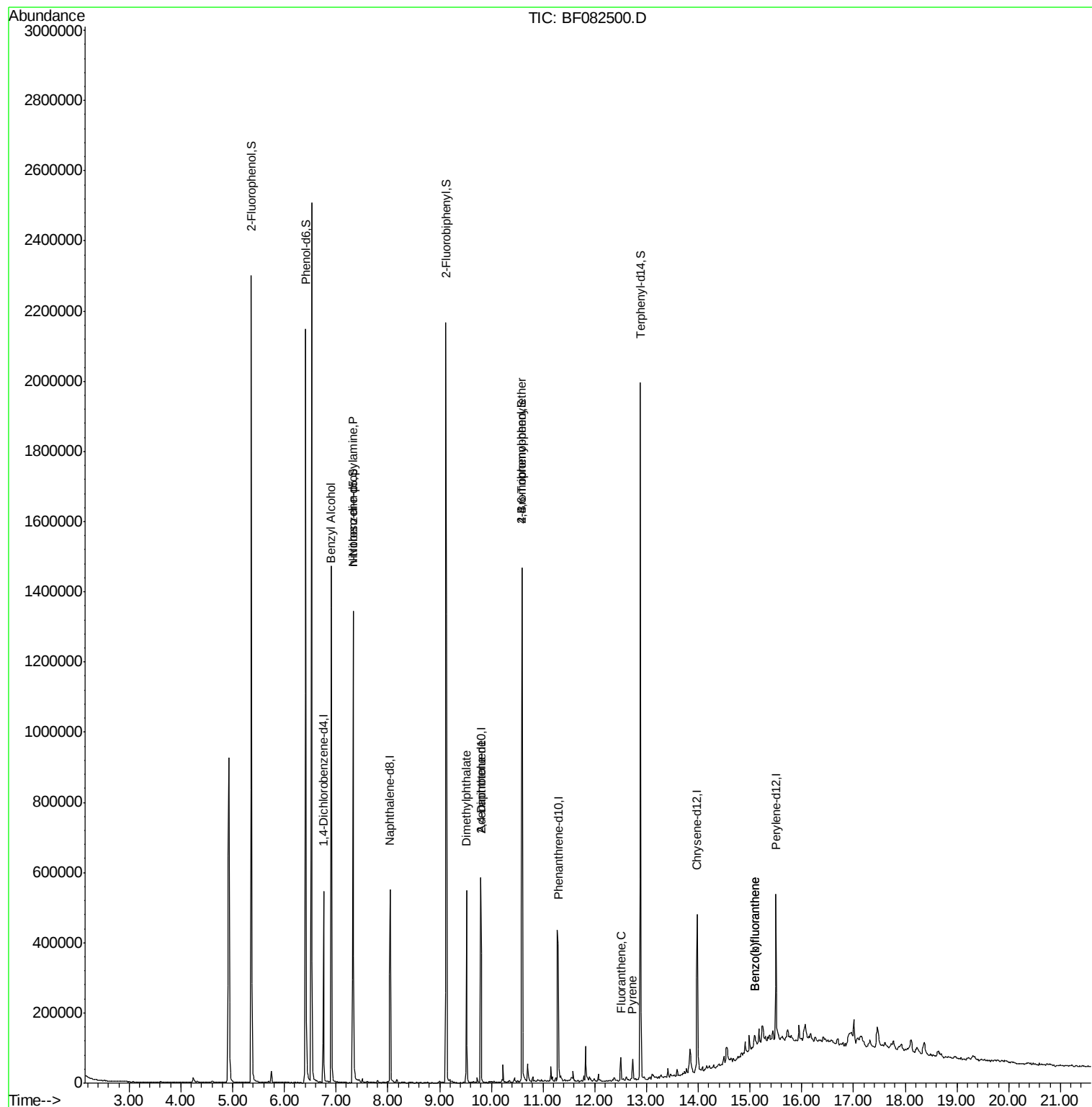
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.90	79	9197	2.30	ng	# 57
19) n-Nitroso-di-n-propylamine	7.33	70	67153	16.54	ng	# 79
49) Dimethylphthalate	9.52	163	218819	20.77	ng	100
56) 2,4-Dinitrotoluene	9.79	165	18932	6.81	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	13449	5.28	ng	# 1
74) Fluoranthene	12.50	202	30975	2.31	ng	98
77) Pyrene	12.73	202	28657	2.43	ng	97
87) Benzo(b)fluoranthene	15.09	252	28763	2.46	ng	# 92
88) Benzo(k)fluoranthene	15.09	252	28763	2.93	ng	# 90

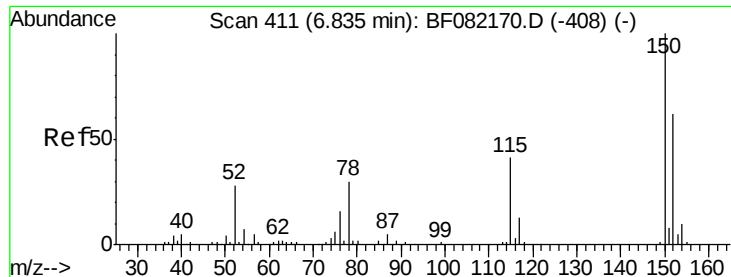
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

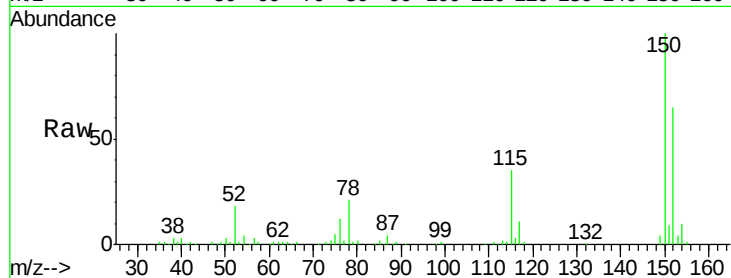
Tgt Ion:152 Resp: 89671

Ion Ratio Lower Upper

152 100

150 152.8 129.0 193.4

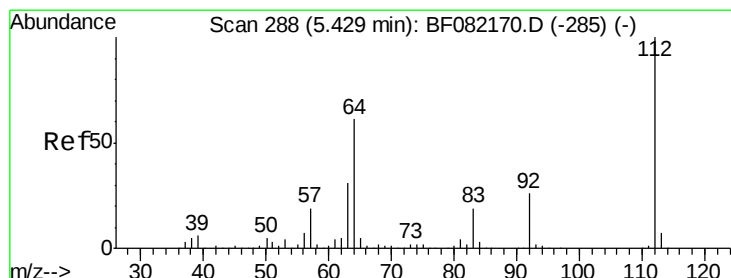
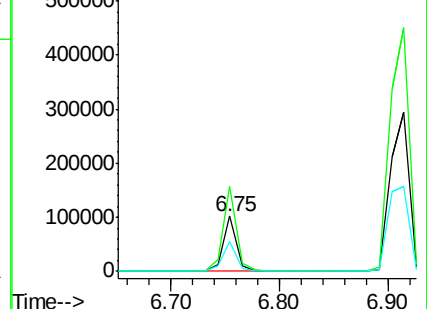
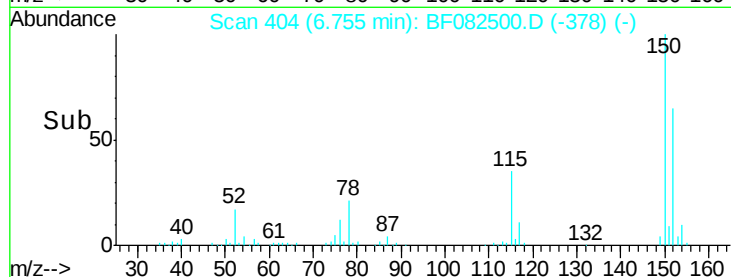
115 53.4 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 154.91 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

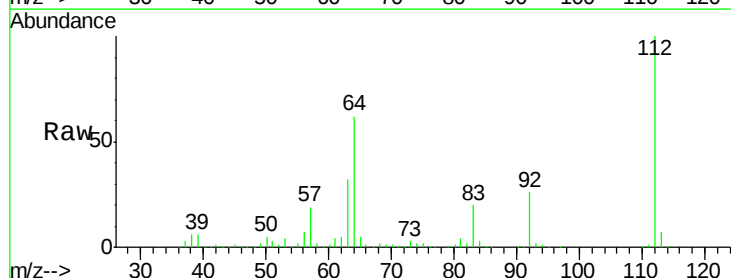
Tgt Ion:112 Resp: 688284

Ion Ratio Lower Upper

112 100

64 62.1 48.6 73.0

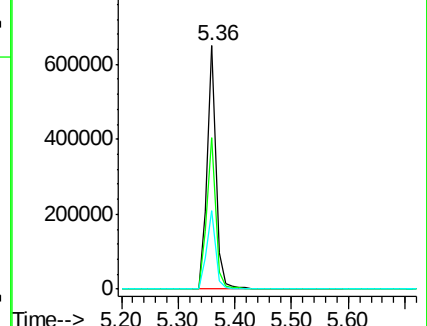
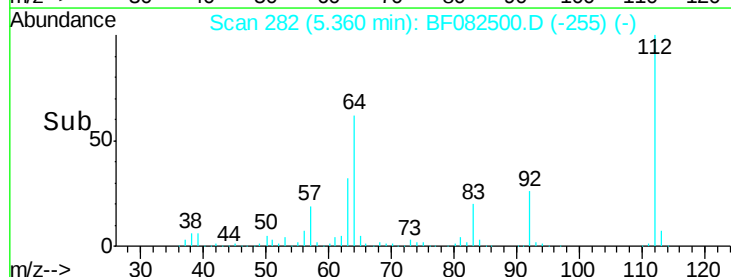
63 32.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.09 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

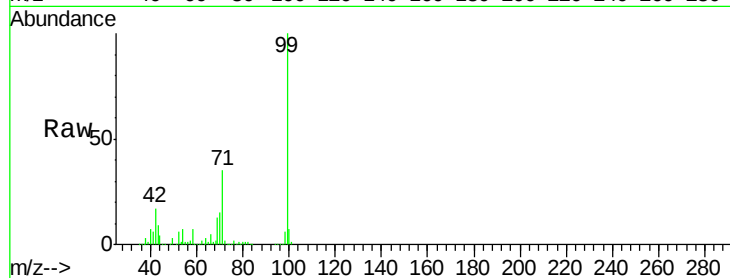
Tgt Ion: 99 Resp: 896725

Ion Ratio Lower Upper

99 100

42 17.2 13.2 19.8

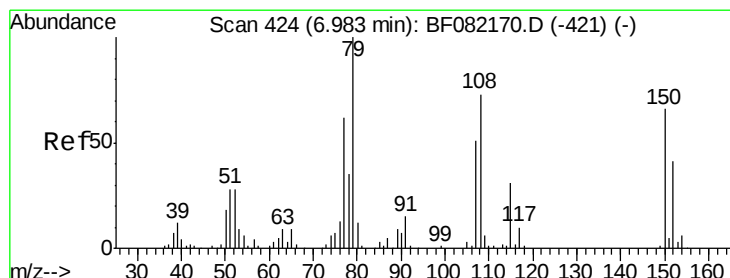
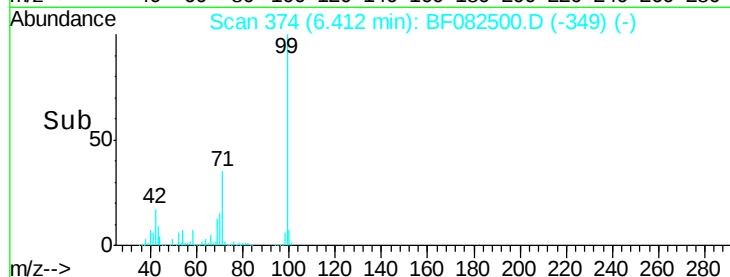
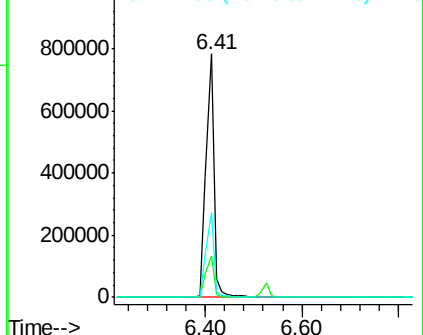
71 34.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

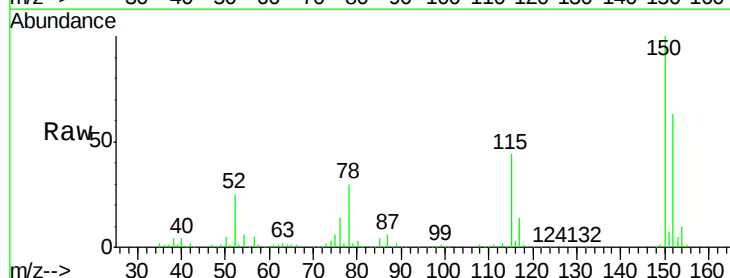
Tgt Ion: 79 Resp: 9197

Ion Ratio Lower Upper

79 100

108 31.0 58.4 87.6#

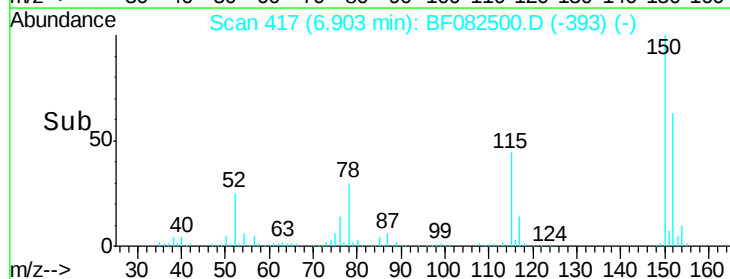
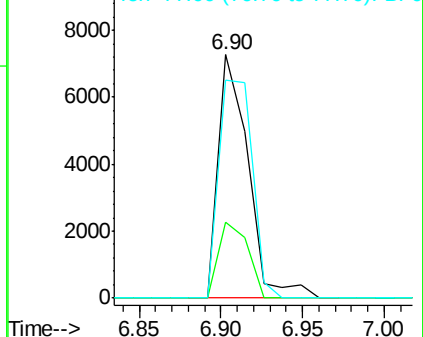
77 89.3 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

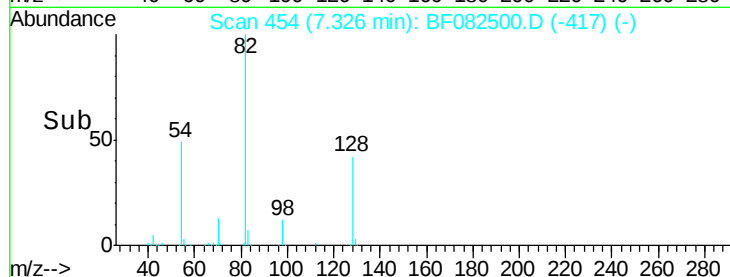
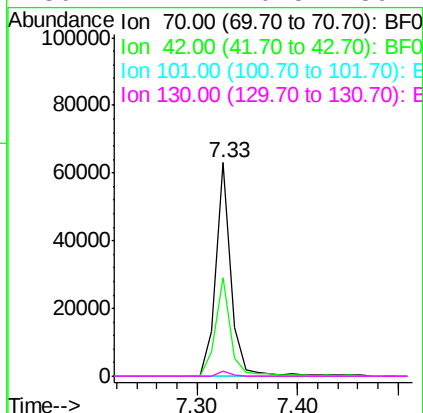
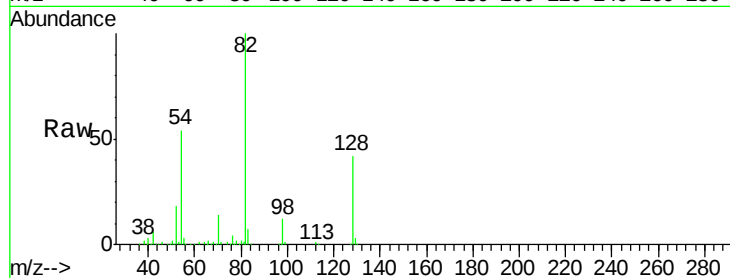




#19
n-Nitroso-di-n-propylamine
Concen: 16.54 ng
RT: 7.33 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF082500.D
Acq: 24 Oct 2015 8:41

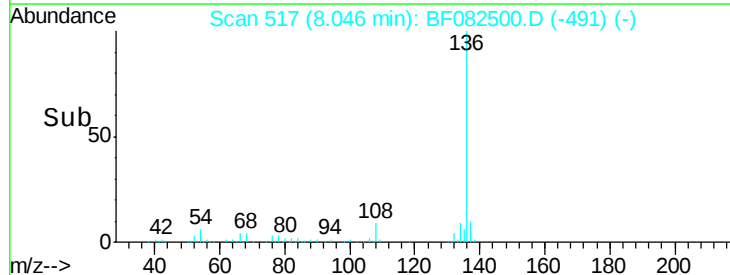
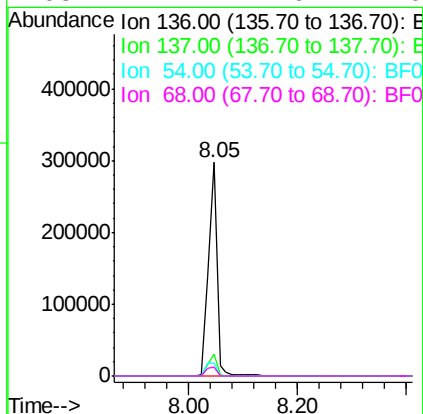
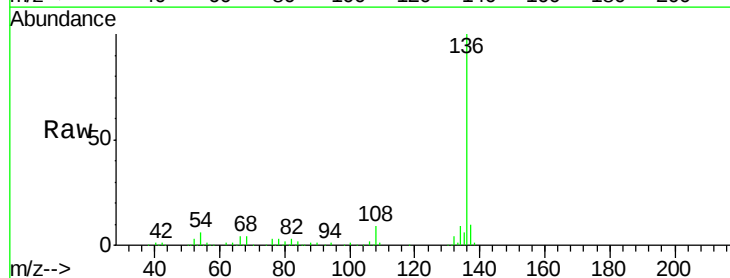
Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

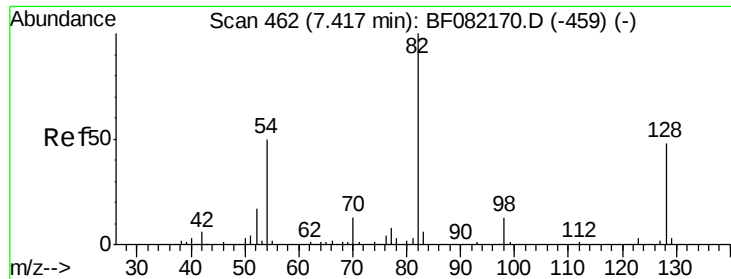
Tgt Ion:	70	Resp:	67153
Ion	Ratio	Lower	Upper
70	100		
42	46.0	39.8	59.8
101	0.0	8.6	13.0#
130	2.2	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082500.D
Acq: 24 Oct 2015 8:41

Tgt Ion:	136	Resp:	323797
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	5.8	7.5	11.3#
68	4.1	4.6	7.0#

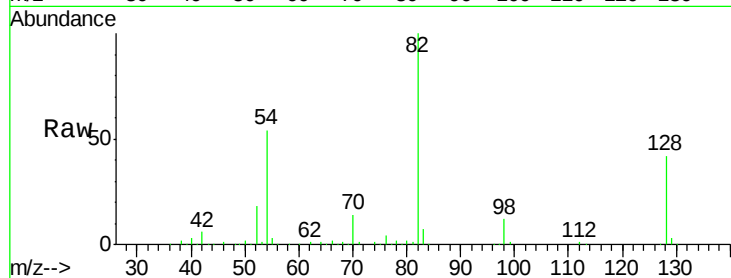




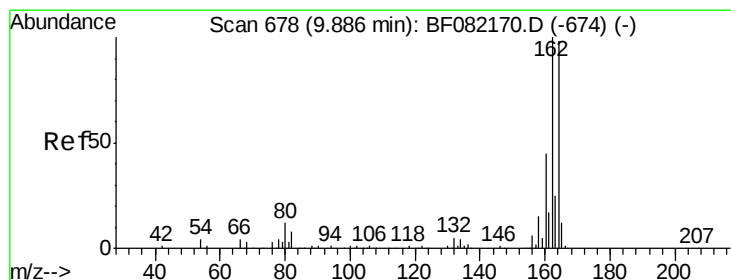
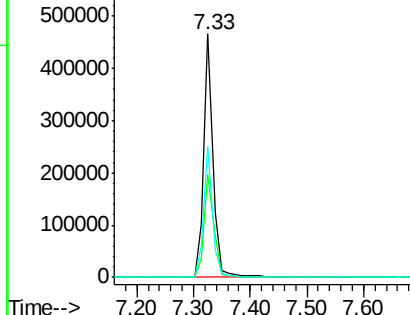
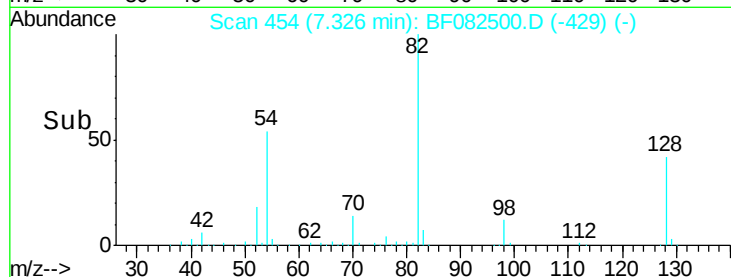
#23
 Nitrobenzene-d5
 Concen: 105.77 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082500.D
 Acq: 24 Oct 2015 8:41

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Tgt Ion: 82 Resp: 509998
 Ion Ratio Lower Upper
 82 100
 128 42.1 38.7 58.1
 54 53.7 40.1 60.1

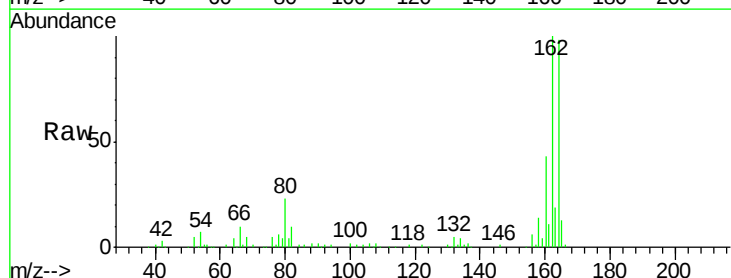


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

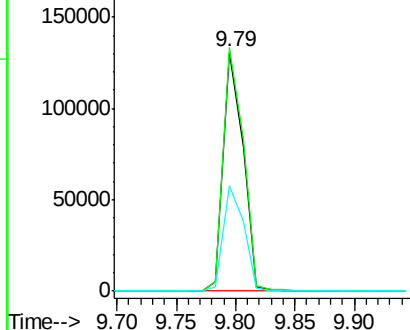
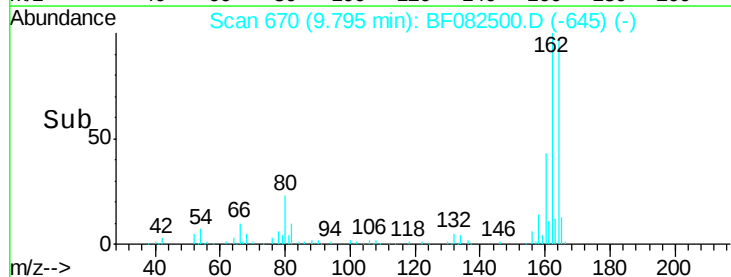


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082500.D
 Acq: 24 Oct 2015 8:41

Tgt Ion: 164 Resp: 149615
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.6 122.4
 160 44.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

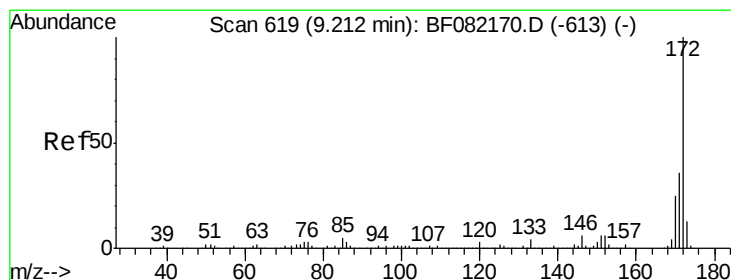
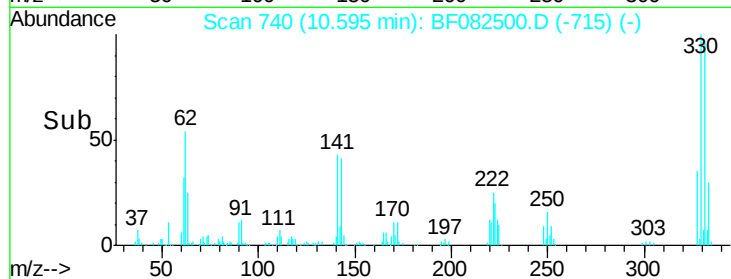
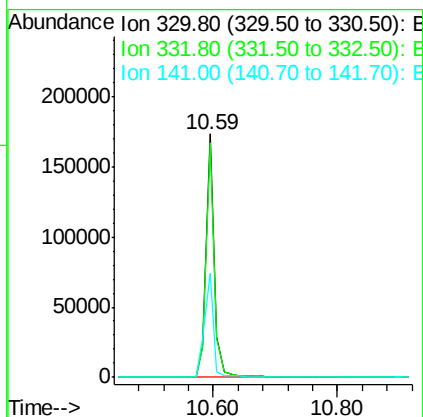
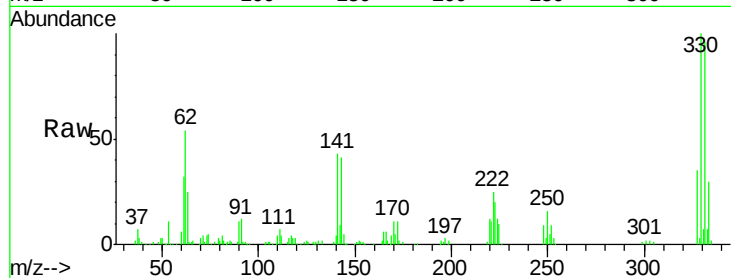




#41
 2,4,6-Tribromophenol
 Concen: 116.55 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082500.D
 Acq: 24 Oct 2015 8:41

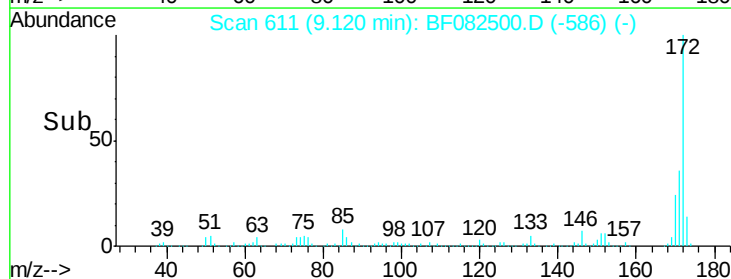
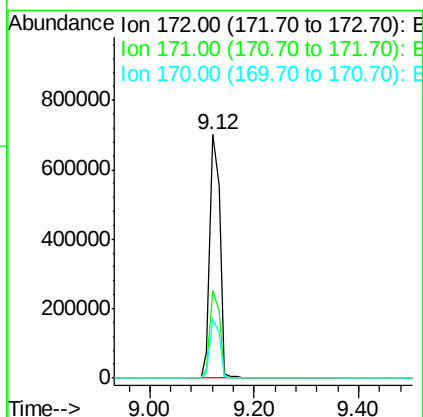
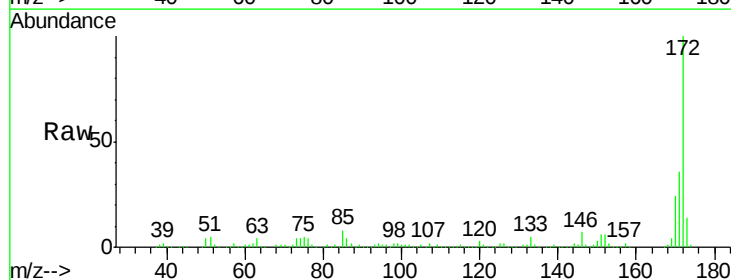
Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

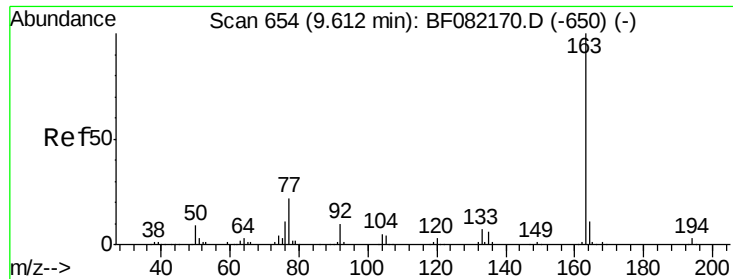
Tgt Ion: 330 Resp: 163530
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 47.1 29.8 44.8#



#44
 2-Fluorobiphenyl
 Concen: 104.68 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082500.D
 Acq: 24 Oct 2015 8:41

Tgt Ion: 172 Resp: 944397
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 24.4 19.7 29.5

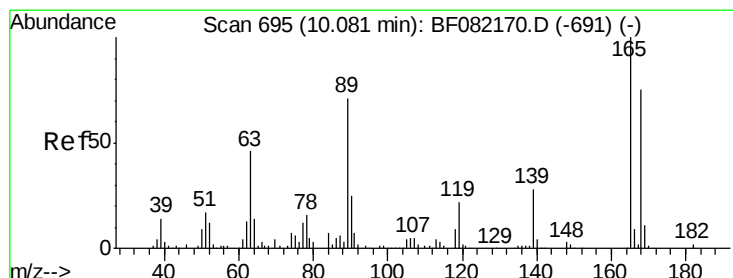
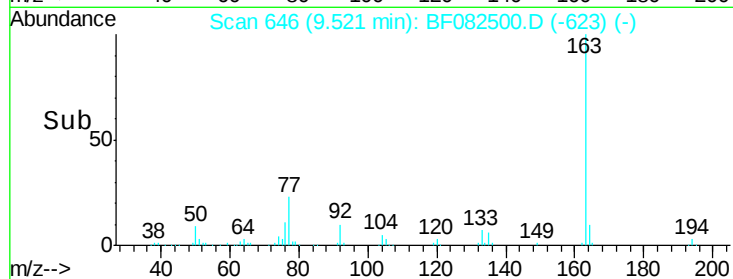
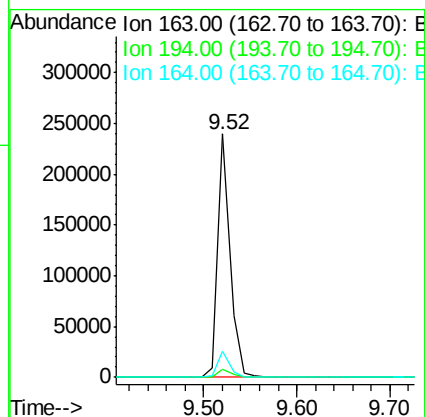
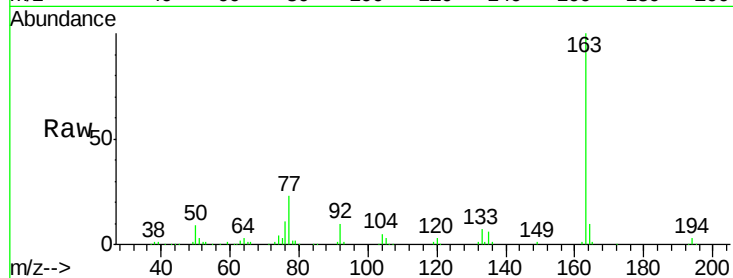




#49
Dimethylphthalate
Concen: 20.77 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082500.D
Acq: 24 Oct 2015 8:41

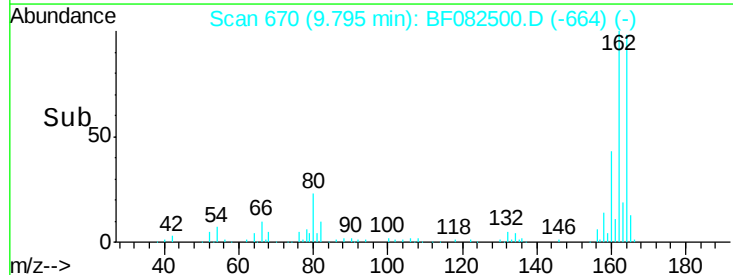
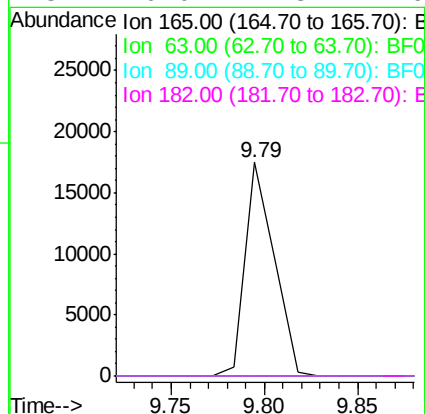
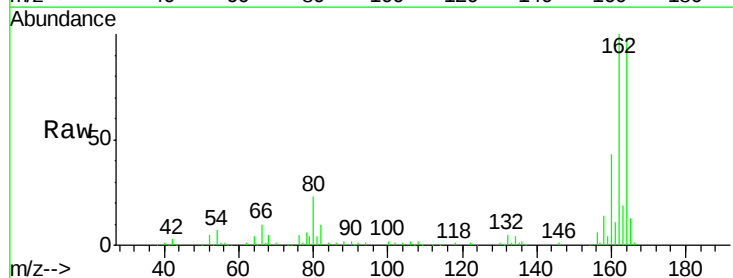
Instrument :
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BT-01(0-2)

Tgt Ion:163 Resp: 218819
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.23 min
Lab File: BF082500.D
Acq: 24 Oct 2015 8:41

Tgt Ion:165 Resp: 18932
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

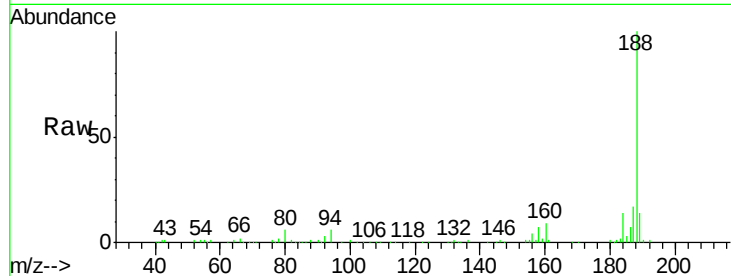
Tgt Ion:188 Resp: 254470

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.6#

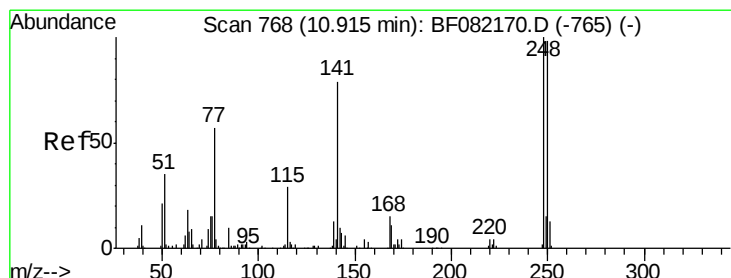
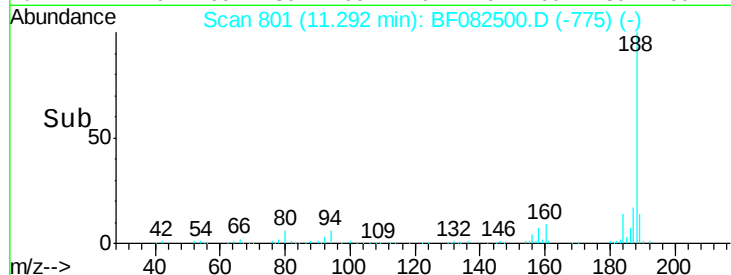
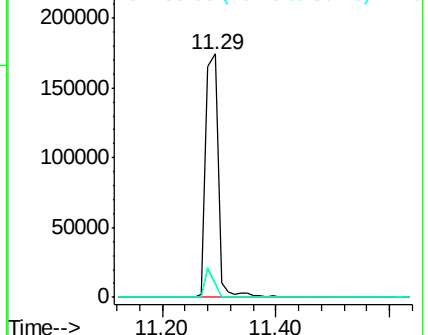
80 5.7 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 5.28 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

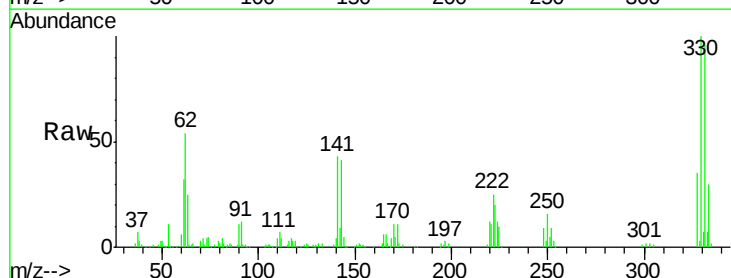
Tgt Ion:248 Resp: 13449

Ion Ratio Lower Upper

248 100

250 189.6 78.6 117.8#

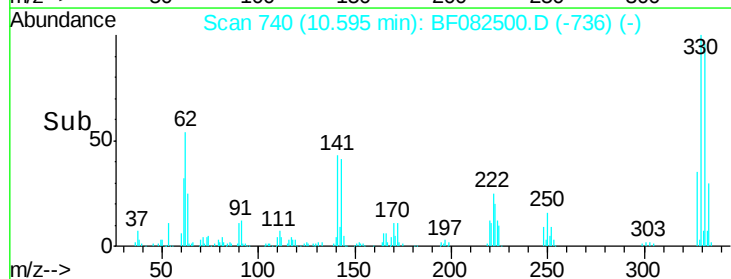
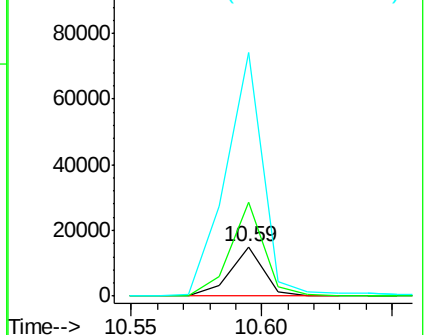
141 494.4 63.3 94.9#

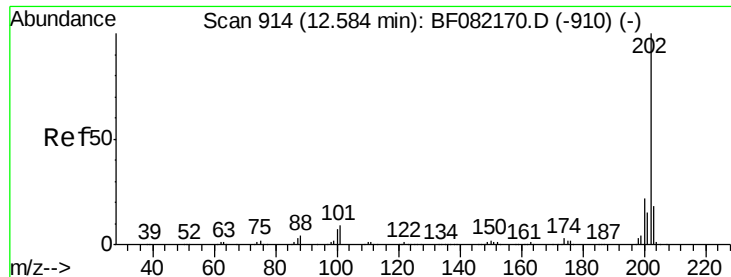


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.31 ng

RT: 12.50 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

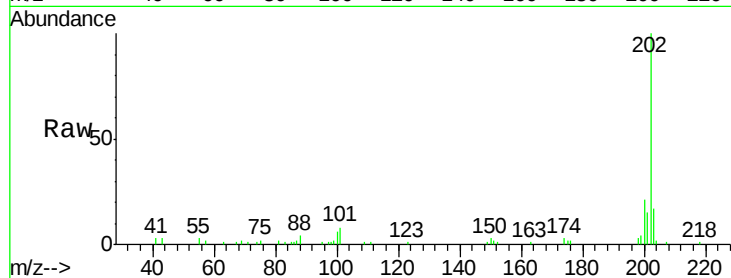
Tgt Ion: 202 Resp: 30975

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.3

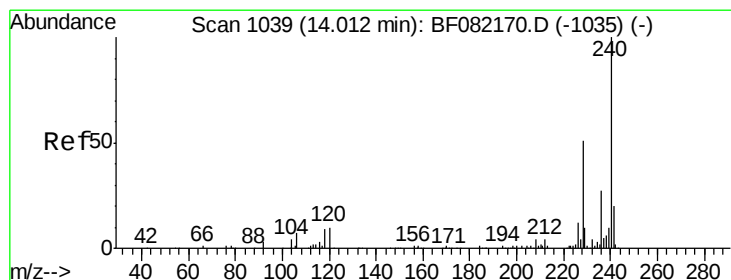
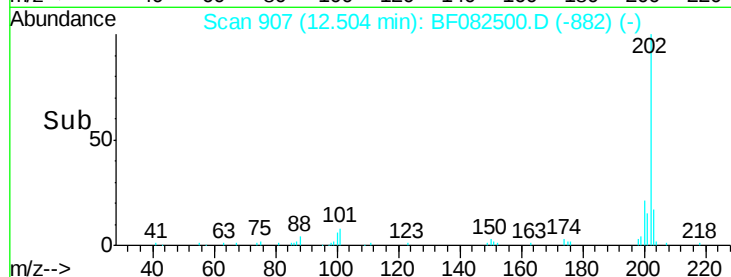
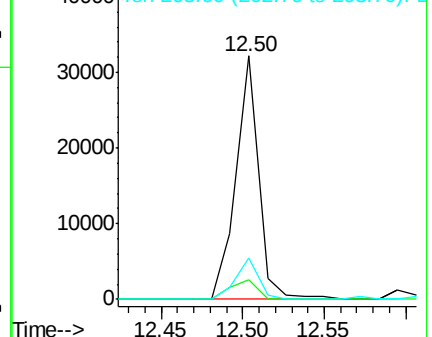
203 17.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

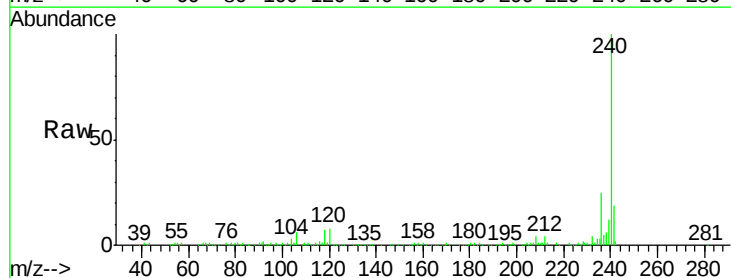
Tgt Ion: 240 Resp: 198455

Ion Ratio Lower Upper

240 100

120 7.9 8.1 12.1#

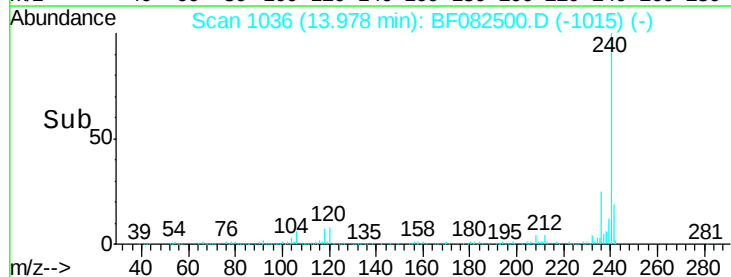
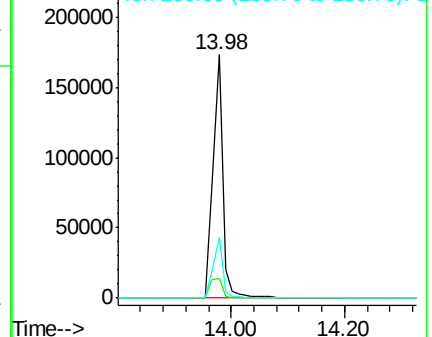
236 24.8 21.3 31.9

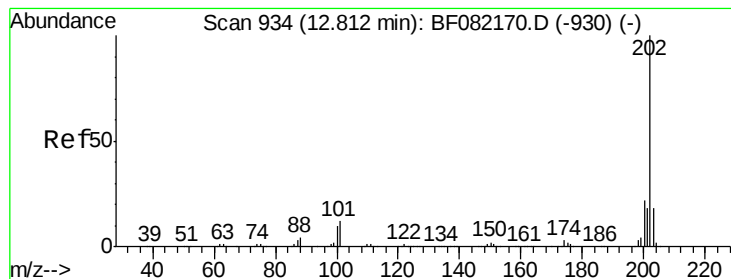


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.43 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

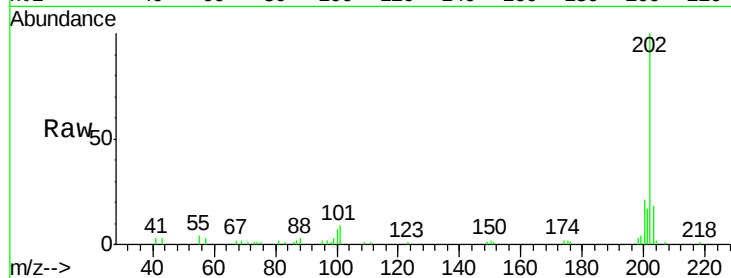
Tgt Ion: 202 Resp: 28657

Ion Ratio Lower Upper

202 100

200 20.5 17.9 26.9

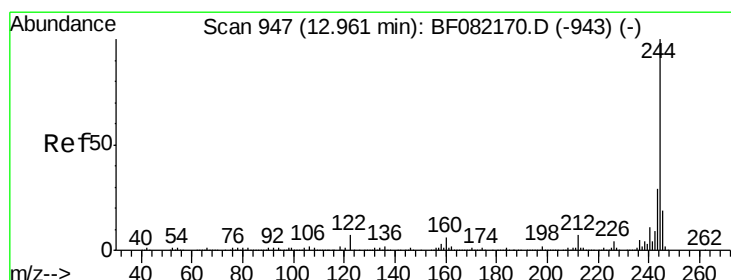
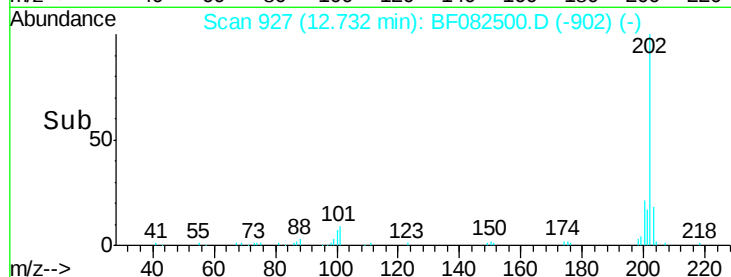
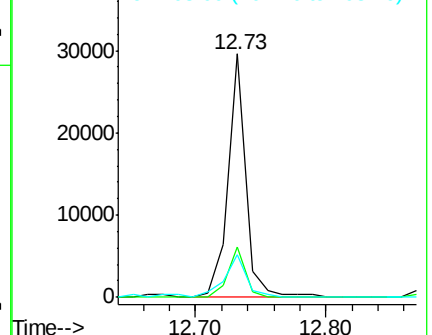
203 17.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.37 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082500.D

Acq: 24 Oct 2015 8:41

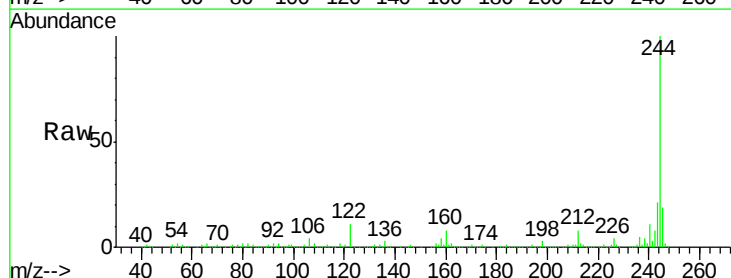
Tgt Ion: 244 Resp: 646853

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

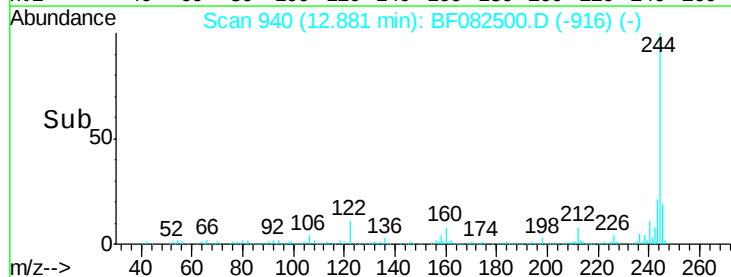
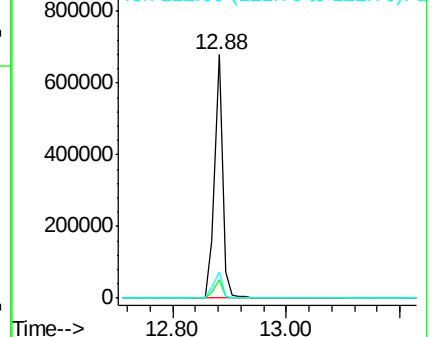
122 10.6 5.9 8.9#

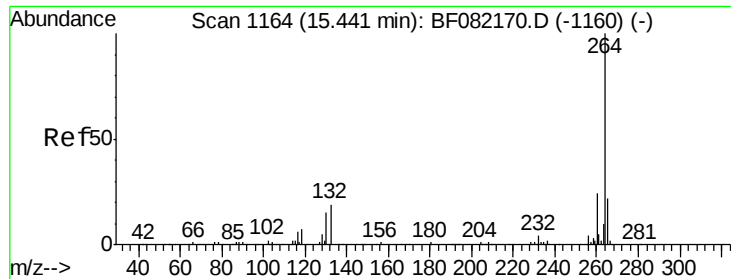


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

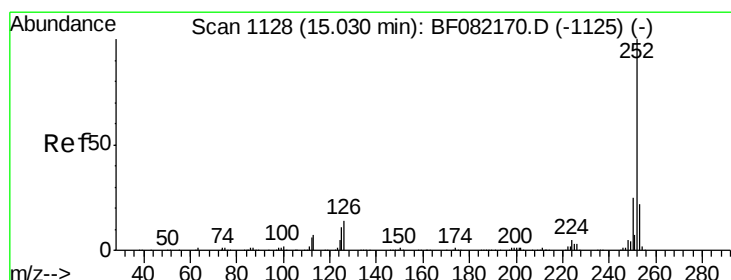
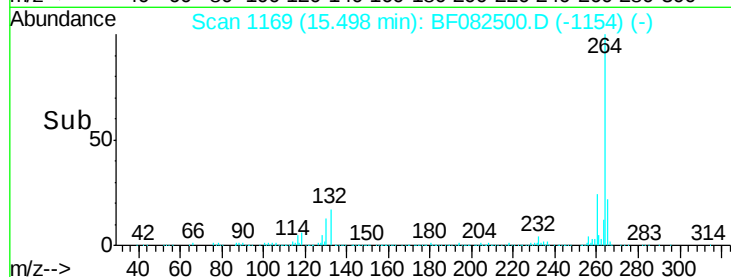
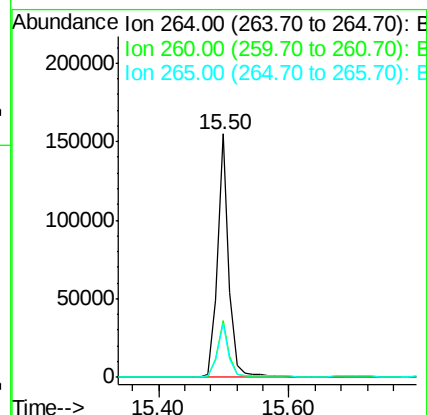
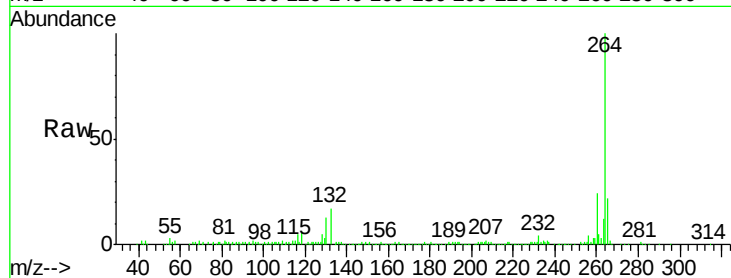




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.13 min
Lab File: BF082500.D
Acq: 24 Oct 2015 8:41

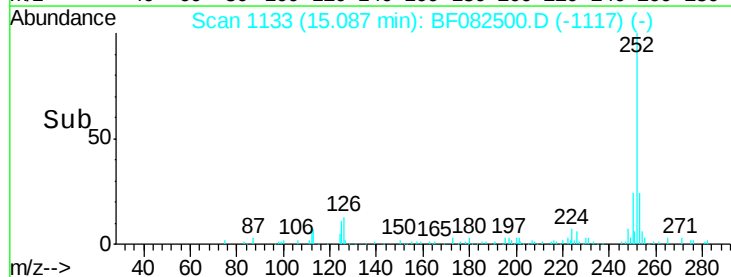
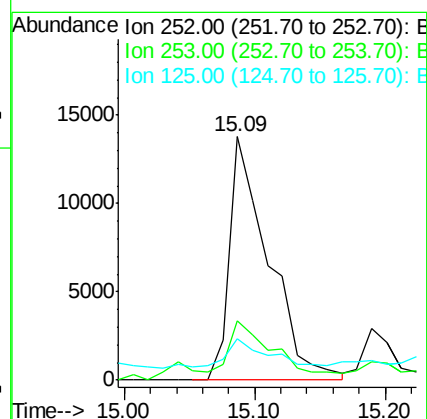
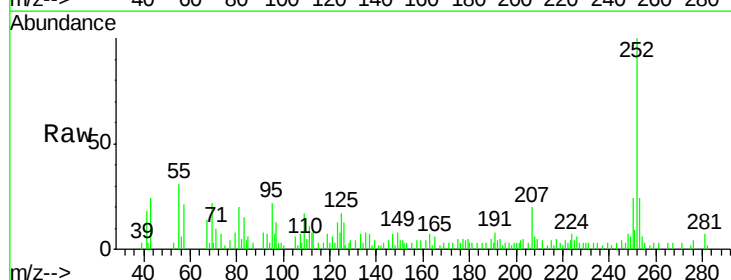
Instrument :
BNA_F
ClientSampleId :
BT-01(0-2)

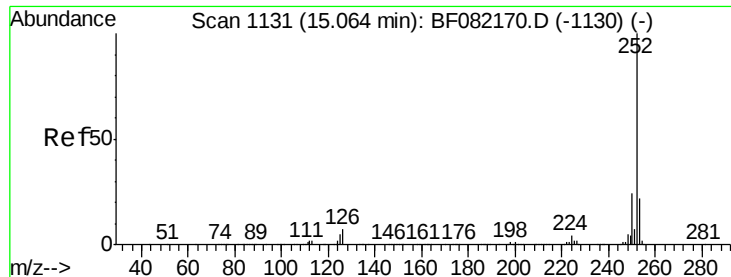
Tgt Ion: 264 Resp: 191861
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.0 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.11 min
Lab File: BF082500.D
Acq: 24 Oct 2015 8:41

Tgt Ion: 252 Resp: 28763
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 16.8 8.6 12.8#





#88
 Benzo(k)fluoranthene
 Concen: 2.93 ng
 RT: 15.09 min Scan# 1133
 Delta R.T. -0.15 min
 Lab File: BF082500.D
 Acq: 24 Oct 2015 8:41

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	16.8	6.7	10.1

